

Sample 4-Year Plan
B.S. Marine and Coastal Science – Marine Ecology & Organismal Biology

This is just one example of a schedule of coursework that will allow students to complete the degree in four years. There are many other possibilities; in addition, course offerings are subject to change and the suggested courses may not be available as listed. Students should work with their BASC and major advisors to come up with an individual plan that suits their needs and interests.

Note that the Marine and Coastal Science major with a focus area of Marine Ecology & Organismal Biology has different course requirements than the other three focus areas: Coastal Environmental Processes, Marine Environmental Chemistry, and Oceans and the Earth System.

With Courses at Bodega Marine Laboratory

	Fall	Winter	Spring	Summer
Year 1	CHE 2A (5) MAT 17A or 21A (4) Lower Div College English (4) BIS 5 (1) Total: 14 units	CHE 2B (5) MAT 17B or 21B (4) BIS 2B (5) Total: 14 units	CHE 2C (5) MAT 17C (4) BIS 2C (5) Total: 14 units	
Year 2	BIS 2A (5) CHE 8A or 118A (2-4) PHY 7A or 9A (4-5) GE (4) Total: 15-18 units	CHE 8B or 118B (4) PHY 7B or 9B (4-5) GEL 16 (3) – optional GE (4) Total: 15-16 units	CHE 118C (0-4) PHY 7C or 9C (4-5) STA 100 (4) EVE 12 (3) – optional Total: 11-16 units	
Year 3	BIS 101 (4) BIS 101D (1) – optional Depth Course (4-5) Upper Div College English (4) Total: 13-14 units	BIS 105; or 102 then 103 (3-6) Depth Course (4-5) Focus Course (3-4) GE (4) Total: 14-19 units	BIS 104 (3) GEL/ESP 116N* (3) Focus Course (3-4) GE (4) Total: 13-14 units	Field Requirement: GEL/ESP 150C* (4) Focus Course (3) Research/Internship req. (3) Total: 10 units
Year 4	Focus Course (3-4) Breadth Course (3-4) GE (4) GE (4) Total: 14-16 units	GEL/ESP 150B* (3) Breadth Course (3-4) GE (4) Total: 10-11 units	GEL/ESP 150A* (4) Breadth Course (3-4) EVE/ESP 111 (1) GE (4) Total: 12-13 units	

* Choose 3 from GEL/ESP 116N, 150A, 150B, and 150C.

See the general catalog for Depth, Focus, and Breadth course lists. See <https://eps.ucdavis.edu/students/undergrad/mcsci/planning> for when each MCS major class is offered.

With No Courses at Bodega Marine Laboratory

	Fall	Winter	Spring	Summer
Year 1	CHE 2A (5) MAT 17A or 21A (4) Lower Div College English (4) BIS 5 (1) Total: 14 units	CHE 2B (5) MAT 17B or 21B (4) BIS 2B (5) Total: 14 units	CHE 2C (5) MAT 17C (4) BIS 2C (5) Total: 14 units	
Year 2	BIS 2A (5) CHE 8A or 118A (2-4) PHY 7A or 9A (4-5) GE (4) Total: 15-18 units	CHE 8B or 118B (4) PHY 7B or 9B (4-5) GEL 16 (3) – optional GE (4) Total: 15-16 units	CHE 118C (0-4) PHY 7C or 9C (4-5) STA 100 (4) EVE 12 (3) – optional Total: 11-16 units	
Year 3	BIS 101 (4) BIS 101D (1) – optional Depth Course (4-5) Upper Div College English (4) Research/Internship req. (3) Total: 16-17 units	BIS 105; or 102 then 103 (3-6) Depth Course (4-5) Focus Course (3-4) GE (4) Total: 14-19 units	BIS 104 (3) GEL/ESP 116N* (3) Focus Course (3-4) GE (4) Total: 13-14 units	
Year 4	Focus Course (3-4) Breadth Course (3-4) Field req. course (4) GE (4) GE (4) Total: 18-20 units	GEL/ESP 150B* (3) Breadth Course (3-4) Focus Course (3) Field req. course (4) GE (4) Total: 17-18 units	GEL/ESP 150A* (4) Breadth Course (3-4) EVE/ESP 111 (1) GE (4) Total: 12-13 units	

* Choose 3 from GEL/ESP 116N, 150A, 150B, and 150C.

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